

Shp Friday 13/07

Work Order ID 87048

\*87048\*

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July-10-12 2:25:48 PM

Item ID: D350-607-501

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Basket Conversion

Start Date: 7/10/12 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 7/13/12 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals:

Process Plan: W

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D350-607-3

A

100

0.00

\*100\*

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-501 CHG003

JB

DAS 16 8-8 12/10/16

MW 12/07/11 11

140

Pick Kit

0.00

\*140\*

Packaging

Memo

0.00

Packaging

1 12/07/11 JB

150

QC4- 100% Inspect kits for completeness

0.00

\*150\*

QC

Memo

0.00

Quality Control

DAS 16 8-8 12/10/16

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

**Work Order ID 87048****\*87048\***

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Item ID: D350-607-501

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Basket Conversion

Start Date: 7/10/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 7/13/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description:	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	---------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00

**\*160\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-501  
Location: \_\_\_\_\_

12/7/12 bsp

170

QC21- Final Inspection - Work Order Release

0.00

**\*170\***

QC

Memo

0.00

Quality Control

MLJ 12/07/12

ME  
12-07-12

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NCR: 1		WORK ORDER NON-CONFORMANCE (NCR)						
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# Picklist Print

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Work Order ID: 87048

Parent Item: D350-607-501

Parent Item Name: Basket Conversion

Start Date: 7/10/12

Required Date: 7/13/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC  
ECN12-535 DD VERF:EC

IPP REV:B 12.03.06 AS PER

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>D2690-6</b> Lanyard Assembly		Manufactured	No				Each	24.0000		<u>1</u>	<u>JB</u>		
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST016		24							
				85757		13			<u>85757</u>				
				85832		5							
				85833		6							
<b>D3910-3</b> Crosstube Lug		Manufactured	No				Each	60.0000		<u>4</u>	<u>JB</u>		
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st507		60							
				85694		60			<u>85694</u>				
<b>D3912-041</b> Eyebolt Receiver Assembly		Manufactured	No				Each	3.0000		<u>1</u>	<u>JB</u>		
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST509		3							
				85952		3			<u>85952</u>				
<b>D3984</b> Rubber Extrusion, Crosstube		Manufactured	No				f	209.4840		<u>2</u>	<u>JB</u>		
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST080		209.484							
				53707		209.484			<u>53707</u>				
<b>D4085-3</b> Placard, Instructions		Manufactured	No				Each	0.0000		<u>1</u>	<u>JB</u>		
<b>D4086-200</b> Placard, Max Load		Manufactured	No				Each	11.0000		<u>1</u>	<u>JB</u>		
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST093		11							
				72051		1							
				84416		10			<u>84416</u>				

CUT (8) AT 3.00" LONG

**D4085-3**

Placard, Instructions

**D4086-200**

Placard, Max Load

12/1/13

B87037

12/07/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 87048  
Parent Item: D350-607-501  
Parent Item Name: Basket Conversion

Start Date: 7/10/12  
Start Qty: 1.00

Required Date: 7/13/12  
Required Qty: 1.00

D4086-215  
Placard, Max Load

Manufactured No

Each 2.0000

Location	Loc Qty	Loc Code
ST093	2	
65896	2	

65896 JB

D4086-220  
Placard, Max Load

Manufactured No

Each 31.0000

Location	Loc Qty	Loc Code
ST093	31	
69500	2	
84149	17	
85618	12	

65896 JB

D4086-232  
Placard, Max Load

Manufactured No

Each 7.0000

Location	Loc Qty	Loc Code
ST093	7	
78969	7	

78969 JB

D4148-041  
Crosstube Lug Assembly, Fwd

Manufactured No

Each 3.0000

Location	Loc Qty	Loc Code
ST468	3	
86025	3	

78969 JB

D4149-041  
Crosstube Lug Assembly, Aft

Manufactured No

Each 18.0000

Location	Loc Qty	Loc Code
ST468	18	
84192	2	
85749	16	

85749 JB

D4150-041  
Attachment Arm Assembly

Manufactured No

Each 0.0000

85749 JB

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 87048  
Parent Item: D350-607-501  
Parent Item Name: Basket Conversion

Start Date: 7/10/12  
Start Qty: 1.00

Required Date: 7/13/12  
Required Qty: 1.00

D4151-041  
Basket Fwd Hardpoint Assembly, Lower

Manufactured No

Each 1.0000

Location	Loc Qty	Loc Code
GA	-4	
ST103	5	
85793	1	

11 ✓ JB SP

D4151-043  
Basket Fwd Hardpoint Assembly, Upper

Manufactured No

Each 17.0000

Location	Loc Qty	Loc Code
ST103	17	
85794	5	
85795	12	

85793 11 ✓ JB SP

AN4-13A  
Bolt

Purchased No

Each 1,065.0000

Location	Loc Qty	Loc Code
ST357	1065	
120187	19	
120422	2	
120770	12	
121652	834	
122063	198	

6 ✓ JB SP

AN4-14A  
Bolt

Purchased No

Each 430.0000

Location	Loc Qty	Loc Code
357	1	
121349	1	
ST357	429	
120187	13	
120769	1	
121068	17	
121708	4	
122141	394	

121652 16 ✓ JB 12/07/11

122141

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 87048

Parent Item: D350-607-501

Start Date: 7/10/12

Required Date: 7/13/12

Parent Item Name: Basket Conversion

Start Qty: 1.00

Required Qty: 1.00

AN4C15 Purchased No Each 40.0000  
BOLT

Location Loc Qty Loc Code

ST358 40  
120124 1  
121146 39

AN310C4 Purchased No Each 58.0000  
Nut

Location Loc Qty Loc Code

ST344 58  
120360 1  
121166 3  
121444 21  
122151 33

MS17984-C413 Purchased No Each 21.0000  
PIN, QUICK RELEASE

Location Loc Qty Loc Code

ST315 3  
114340 1  
118612 2  
ST333 18  
122141 18

MS210421L4 Purchased No Each 1,177.0000  
Nut

Location Loc Qty Loc Code

ST300 1177  
119075 116  
121011 193  
121444 699  
121652 169

121146  
122151  
122141  
121652  
JB  
JB  
JB  
12/07/11

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 87048  
Parent Item: D350-607-501  
Parent Item Name: Basket Conversion

Start Date: 7/10/12  
Start Qty: 1.00

Required Date: 7/13/12  
Required Qty: 1.00

MS24665-151  
Cotter Pin

Purchased No

Each 164.0000

1 JB



Location Loc Qty Loc Code

ST309 164  
17566 164

17566

NAS1515H4L  
WASHER

Purchased No

Each 397.0000

2 JB



Location Loc Qty Loc Code

FG 8  
103691 8  
ST277 389  
118709 10  
120390 379

120390

NASH149F0432P  
Washer

Purchased No

Each 1,018.0000

44 JB



Location Loc Qty Loc Code

ST275 1018  
121350 18  
122151 1000

122151

NASH149G0463R  
Washer

Purchased No

Each 764.0000

3 JB

12/02/11



Location Loc Qty Loc Code

FP001 1  
115358 1  
ST297 763  
117735 17  
119097 746

119097

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC-Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: **A**  
Date: 10.06.28